

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
9 October 2003 (09.10.2003)

PCT

(10) International Publication Number
WO 03/082767 A1

(51) International Patent Classification⁷: **C04B 28/14**,
24/26, 24/38

(21) International Application Number: PCT/US03/09569

(22) International Filing Date: 27 March 2003 (27.03.2003)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/367,920 27 March 2002 (27.03.2002) US

(63) Related by continuation (CON) or continuation-in-part
(CIP) to earlier application:
US 60/367,920 (CON)
Filed on 27 March 2002 (27.03.2002)

(71) Applicant (for all designated States except US): **UNITED STATES GYPSUM COMPANY** [US/US]; 125 South Franklin Street, Chicago, IL 60606 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **LETTKEMAN**,

Dennis, Mark [US/US]; 1316 N. Noble, Watonga, OK 73772 (US). **WHITESIDE, Eldon, L.** [US/US]; 5539 Quincy Street, Hinsdale, IL 60521 (US). **KALIGIAN, Raymond, A., II** [US/US]; 2020 Wellington Court, Geneva, IL 60134 (US).

(74) Agent: **MICKELSON, Carole, A.**; Greer, Burns & Crain, Ltd., 300 South Wacker Drive, Suite 2500, Chicago, IL 60606 (US).

(81) Designated States (*national*): CA, JP, MX, US.

(84) Designated States (*regional*): European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR).

Published:

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: **SPRAYABLE MACHINABLE MEDIA**

(57) Abstract: In conjunction with water, a mixture can be used to prepare a sprayable slurry that hydrates to form a machinable plaster composition. The mixture includes from about 80% to about 98% by weight calcium sulfate hemihydrate, from about 1 % to about 5% by weight adhesive binder for adhering said plaster mixture to a substrate and from about 0.001 % to about 10% of a polysaccharide. The mixture is made into a slurry by the addition of from 10% to about 50 weight water based on the weight of the mixture.



WO 03/082767 A1